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HEAT-TRANSFER-STAMP PROCESS
FOR THERMAL IMPRINT
LITHOGRAPHY

ABSTRACT OF THE DISCLOSURE

A method of performing thermal imprint lithography of a surface of a thermoplastic layer-coated workpiece for forming a pattern therein comprises pre-heating the workpiece to a pre-selected high temperature prior to inserting the workpiece in a stamping/imprinting tool maintained at a predetermined lower temperature, whereby the interval for thermal cycling of the stamping/imprinting tool between higher and lower temperatures is eliminated or at least reduced. Applications of the method include forming servo patterns in disk-shaped substrates for hard disk recording media.